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Subject: Solar-Powered Mitigation at Delfasco Forge site, Texas
Date: 09/15/2009 06:40 AM

Thought this might be of interest.

Subject: Solar-Powered Mitigation at Delfasco Forge site, Texas

Zap! U.S. EPA Uses Solar Power to Fight Indoor Air Pollution

by Tina Casey
CleanTechnica
September 14, 2009

Small solar panels provide enough electricity to power an exhaust system that almost eliminated TCE fumes in contaminated homes. The U.S. EPA has found that a simple, inexpensive rooftop solar panel can provide enough power to run a fan and remove toxic fumes from homes sitting on contaminated ground. The EPA gave solar-powered venting a test run on several homes earlier this year, in a Superfund action aimed at trichloroethene (TCE) vapors in a Grand Prairie, Texas neighborhood. The pollution had been traced to a site occupied by the now-bankrupt Delfasco Forge company.

Compared to conventional remediation that involves weeks, months or even years of work along with a potentially huge carbon footprint for transporting or capping soil, the solar-powered exhaust systems took mere hours to install and resulted in an immediate 95% reduction in TCE vapors within the homes. The EPA plans to extend the program this fall to other homes affected by the Delfasco site.

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For the entire article, see
<http://cleantechnica.com/2009/09/14/zap-us-epa-uses-solar-power-to-fight-indoor-air-pollution/>

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